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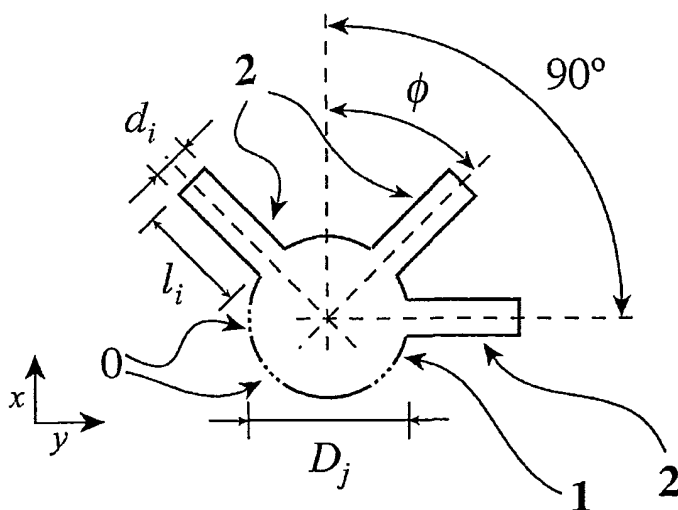
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(54) Title: NETWORK MIXER AND RELATED MIXING PROCESS



(57) Abstract: The mixer is static, of continuous flow, with or without reaction, and provided with basic cells, and is characterised in that these are individually provided with an individualised chamber (1), provided with at least two connecting channels (2), at least two of them being oblique relatively to the resulting direction (x) of the flow in the mixer, and with at least two additional apertures (0) for connection with the exterior, and in that said cells interconnect successively in the space, forming a network. It promotes convective processes. The dimensions ( $D_j$ ,  $l_i$ ,  $d_i$ ,  $\phi$ ), the geometry of the chambers (spherical or cylindrical) and of the channels (cylindrical or prismatic) may vary, as well as their quantity.



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